

## ***Individual Proposal Report***

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**Title** Cottonwood Creek channel restoration

**Number** G171

**Geographic Area** Sacramento Tributaries/Cottonwood Creek

**Primary Stressor Addressed** Channel Form Changes

**Project Type** Implementation

**Applicant Type** Private

**Recommended Funding** \$61,000

**Cost Share** Applicant - \$10,000

**Description** Full funding for hydrologic and geomorphic analyses, channel and riparian restoration design, and final design drawings and specifications for restoration of a 1-2 mile reach of Cottonwood Creek. A future phase of the project would be proposed for construction. Project is an alternative to traditional bank protection measures. Benefits to riparian habitat and non-natal rearing for anadromous fish. (Potential EPA funding).

### **ERPP Linkage**

**Zone:** Cottonwood Creek

#### **Ecosystem Elements and Targets (T):**

##### **Natural Sediment Supply**

- T-1 Maintain existing levels of erosion and gravel recruitment in zone and increase transport of these sediments to Sacramento River (Volume II, Page 182)

##### **Stream Meander Corridor**

- T-1 Preserve or restore floodplain and existing channel meander characteristics of streams in the zone, particularly in low gradient areas in lower 20 miles (Volume II, Page 183)

##### **Riparian and Riverine Aquatic Habitats**

- T-1 Conservation easements/fee acquisition or voluntary landowner measures to establish continuous 130-mile riparian habitat zone along Cottonwood Creek and tributaries (Volume II, Page 184)